

Page 1 of 1

All amounts are calculated in domestic currency.

Receipt Dates from 12/9/2016 to 12/9/2016

Total Received Quantity:
Total Qty to Inspect (PO U/M):
Total Reject Quantity:
Total Receipt Value:
Total Balance Due Quantity:

METAUX SOLUTIONS INC
2625 BOUL JACQUES CARTIER EST
LONGUEUIL, QUEBEC
J4N 1L7

Tel.: 450 641-3330

Customer: 6323336

DART AEROSPACE LTD
1270, ABERDEEN STREET
HAWKESBURY, ONTARIO
K6A 1K7

Shipping Order

08/12/2016

Order : 121177
Reference : 34493
Bid : 20747
Ship : PICK UP / PICK UP

Ship To

Same

Tel.: 1 613 632-3336

Item No.	Description	Qty	Qty. Deliver	B/O Qty
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
	***** FACTURER E-MAIL ***** SUPER IMPORTANT SUR LE PACKING SLIP INSCRIRE LES HEAT N			
SF14124 ✓	304 FLA .250 X .500 ✓ 10 x 13.33' ht: 56900655	133.33	133.33	0
SR34174	17-4PH ROU .750 DIA CON. H900 3 X 48" ht;	12	12	12
CS18G ✓	MS SHE 18G COLD ROLL 1008 (.050) 2 X 4' X 8' ht: 152C04272	64	64	0

ship journey
jp

SQ/b-12-12

Shipping : _____ Ref. : _____
Package No : _____
Merchandise Received: _____

BOLLINGHAUS
STEELBollinghaus Steel, SA
DIN EN ISO 9001:2008
TÜV CERT No. 01 100 030458

Abnahmeprüfzeugnis/Mill Test Certificate/Certif. de Qualidade

EN 10204:2004 / 3.1

Nos./Nrs./Nrs.

0000118911

Unsere Innere Verweisung / Our Int. Ref/ Nr/ ref/ int

5600031581 000040

Datum / Date / Data

26.09.2016

Normen / Standards / Normas

TYPE 304/UNS S30400 and TYPE 304L/UNS S30403 acc. to ASTM A479/A479M-16, A276/A276M-16a, SAE-AIS-QQ-S 783D, AMS5638H, AMS5647J, ASME SA479/SA479M, ASME SA276, ASTM A182/A182M-16a F304/304L, A193/A193M-16 CL 1Gr.B8, ASTM A314-15, ASTM A320/A320M-16a, DOD-F2486B/6, ASME SA182/SA182M, ASME SA 193/SA193M, ASME SA320 CL 1Gr.B8, ASTM A262-15 Practice E, grain size as per ASTM E112, NACE MR 0175, Mercury free statement, not weld repair statement, contents of N, Co, Mo and Cu, in hot rolled, solution annealed, pickled, straightened execution as per ASTM A484/A484M-16.

Kunde / Customer / Cliente

Endgültiger Kunde / Final Customer / Cliente Final

Bestell Nr./Order Nr./Enc.Nr. C105024

Bestell Nr./Order Nr./Enc.Nr. C105024.01

Produktgruppe / Product Group / Grupo Produto

Gewicht / Weight / Peso

Bunde / Bundles / Atados

AISI 304/L FLAT 1/4 X 1/2"

1.059 lb

01

Werkstoff-Nr.
Material no.
Qualidade 1.4307

Werkstoff-Normbezeichnung / Material standard grade / Norma do material

X 2 CrNi 18-9

Beschreibung / Description / Descrição

Stainless steel flat bar, hot rolled, solution annealed, straightened, pickled.
US DRAR 282 225-7009 MELT SOURCE: United Kingdom / MFG: Portugal.

Schmelz-Nr.
Cast no. / Fusion no.

Chemische Analyse in % / Chemical composition in % / Análise química em %

00000555	C	0.030	Si	0.228	Mn	1.830	P	0.030	S	0.026	Cr	18.100	Ni	8.100
EAFAOD	Mo	0.430	Co	0.205	Cu	0.298	N	0.084	Ti	0.003	Nb	0.021	Al	0.005

ASTM E399

ASTM A370

Kerbschlagenergie Impact Test Resiliência	Streckgrenze Yield point Tensão limite	Dehngrenze 1% point Limite de extensão	Zugfestigkeit Tensile strength Tensão de rotura	Dehnung Elongation Alongamento	Einachsdehnung Reduction of area Coef. Estricho
(Charpy V)	Rp 0.2 %	Rp 1.0 %	Rm	A5	Z
[J]	[KJ]	[KJ]	[KJ]	[%]	[%]
1002849.01.01	47.1	54.5	93.5	55.1	72.9

Visuelle Kontrolle
Visual inspection
Inspeção visual☒
Ok

ASTM E10

Härte
Hardness
Dureza190
[HB]

ASTM A262 Practice E

Korrosionsbeständigkeit
IC Test

Corrosão Intermetálica

☒
OkWärmebehandlung
Heat treatment
Tratamento térmico

Annealed Quenched 1900 °F (1080 °C)

(water quenched)

Maßkontrolle
Dimensional inspection
Inspeção dimensional☒
Ok

ASTM E112

Korngröße
Grain size
Tamanho de grão

9

Verwechslungsprüfung
Test of identity
Teste de identificação☒
OkMikroskopische Untersuchung
Macrographic testMaterial free from
segregation defects.☒
OkWerksachverständiger
Quality Control Representative
Inspector de Qualidade

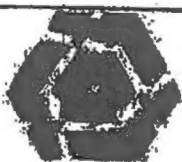
N30587

Nuno Silva (Q-NS)

Bollinghaus Steel, SA

Beimerkungen / Remarks / Observações
Country of origin: Portugal. No weld repair done.
Material is free of mercury and radiation contamination.

Hiermit bestätigen wir, dass das Material der oben genannten Spezifikation entspricht.
We confirm that this material meets the specification according to the mentioned standards.
Confirmamos que este material respeita as especificações de acordo com as normas referidas.



POINTE-CLAIRE / GREEN VALLEY
STEEL GROUP INC.

Cert Number 606
Test Reference 6547

04/10/2016

Issued from
Distribution Center Pointe-Claire
Pointe-Claire Steel
71 Highway 100
Pointe-Claire, QC H9R 1G2

Sold To:
Ship To:

Customer 11734/0
Our Order 3735-1-1

Your Order
Packing List

Reference
MON-63117 (21/12/2015)
2176-4 (08/01/2016)
Product Information

Heat
182C04272

Tag
7857A

Pos
30

LBB
1,220

COLD ROLLED SHEET COMMERCIAL
0.0475" Nom x 48" x 96"
Part CRS 18 GA 48 X96
Shipped Heats 182C04272

Chemical Composition

C	Mn	P	S	Si	Al	Cr	N
0.20	0.013	0.002	0.001	0.01	0.03	0.001	0.001

Physical Tests

Yield	UTS	Elong	Reduc
26,420 PSI	41,000 PSI	21.0%	41.0%

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: H304B0250x.500

PO / BATCH NO.: _____

DATE: 16-12-12

MATERIAL CERT REC'D: _____

THICKNESS ORDERED: _____

QUANTITY RECEIVED: _____

THICKNESS RECEIVED: _____

QUANTITY INSPECTED: _____

SHEET SIZE ORDERED: _____

QUANTITY REJECTED: _____

SHEET SIZE RECEIVED: _____

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/>	
CORRECT FINISH	<input checked="" type="checkbox"/>	N	
CORROSION	Y	<input checked="" type="checkbox"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/>	N	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	
CORRECT THICKNESS	<input checked="" type="checkbox"/>	N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/>	
CORRECT MATERIAL	<input checked="" type="checkbox"/>	N	KSTM 0276
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/>	N	HT # 56900655
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/>	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
9 INSPECTED BY: <u>9-89</u>	SIGNED OFF BY: _____
DATE: <u>16-12-12</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M10105186A
 DATE: 16-12-12

PO / BATCH NO.: P034493 / M13340

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 64' 39/ft
 QUANTITY INSPECTED: 64' 39/ft
 QUANTITY REJECTED: _____

THICKNESS ORDERED: 13 GA
 THICKNESS RECEIVED: .043"
 SHEET SIZE ORDERED: 4'x8'
 SHEET SIZE RECEIVED: 4'x9'

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/> N	
CORRECT FINISH	<input checked="" type="radio"/> Y	N	
CORROSION	Y	<input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/> Y	N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT THICKNESS	<input checked="" type="radio"/> Y	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/> N	
CORRECT MATERIAL	<input checked="" type="radio"/> Y	N	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/> Y	N	<u>HY#1520422</u>
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/> Y	N	
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/> Y	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PREFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
TYPE OF MATERIAL SIZE OF TEST SAMPLE HARDNESS / DUROMETER READING	HRC	HRB	DUR A	DUR D	

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>9</u> DATE: <u>16-12-12</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO34493**

Purchase Order Date 12/1/2016 1:28:23 PM

PO Print Date 12/1/2016

Page Number 1 of 2

Order From :

VC-MET002

METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED

DEC 01 2016

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms

Net 30

Currency

CAD

FOB

Destination-Collect

Line Nbr	Reference Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
	Line Comments		Promise Date				
	Delivery Comments						
2	M304B0.250x0.500 DAS 9 9-89	304 BAR .250 x .500	12/7/2016 Yes 12/7/2016		120.00 f 133.33	\$4.25	\$510.00
	MATERIAL: AISI 304/316 SS BAR OR AISI 304/316 SS AS PER ASTM A276 OR ASTM A240						
	NOTE: AISI 303 NOT ACCEPTABLE						
					Spl 6 12-B		
						Line Total:	\$510.00
3	M1010S18GA DAS 9 9-89	1010/1025 SHEET .048	12/7/2016 Yes 12/7/2016		64.00 sf	\$3.85	\$246.40
	MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A1008 OR CSA G40-21, 38W/44W/50W/60W/70W MINIMUM YIELD TENSILE STRENGTH = 28KSI MINIMUM ULTIMATE TENSILE STRENGTH = 42 KSI COLD ROLLED						
					Spl 6 12-B		
						Line Total:	\$246.40

Note:

12/1/2016



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO34493

Purchase Order Date 12/1/2016 1:28:23 PM

PO Print Date 12/1/2016

Page Number 2 of 2

Order From :
METAUX SOLUTIONS
2625 BOUL JACQUES-CARTIER EST
LONGUEUIL, QC J4N 1L7
CA

VC-MET002

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 558 8858

Ship To Contact

Ship To Phone

Ship Via: Journey Freight collect

Ship Acct:

Buyer

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB Destination-Collect

Chantal Lavoie

4	71401-45	procurement quality clauses	12/7/2016	1.00	\$0.00	\$0.00
---	----------	-----------------------------	-----------	------	--------	--------

No

Procurement Quality Clauses

12/7/2016

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

M174PH-H900R0.750

12/8/2016

12.00

\$68.90

\$826.81

f

12/8/2016

MATERIAL: 17-4 PH COND. H900

AS PER AMS 5643

NOTE: METAUX SOLUTION WILL SEND MATERIAL TO METCOR TO HEAT TREAT H900

FINISH:

HEAT TREAT TO COND H900

FTY IN EXCESS OF 170KSI

FTU IN EXCESS OF 190KSI

PER AMS2759/3

DETAIL C OF C REQUIRED

Line Total: \$826.81

PO Total: \$1,583.21

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 1

Change Date: 12/1/2016